



5G/LTE/GNSS/WIFI ANTENNA

Antenna 5G/LTE MIMO-4/GNSS/WiFi
MIMO-2 Screw Mount E605, 5x
SMA(m), 2x RSMA(pin f),
7x LMR100/3m

AO-AKOM-E605NR4WM3

SECTRON company offers a wide portfolio of 5G/LTE/GNSS/WIFI antennas with various versions differing in shape, level of gain and manner of attachment. SECTRON guarantees a compatible connection between an antenna and all antenna adaptors produced by SECTRON.



BENEFITS

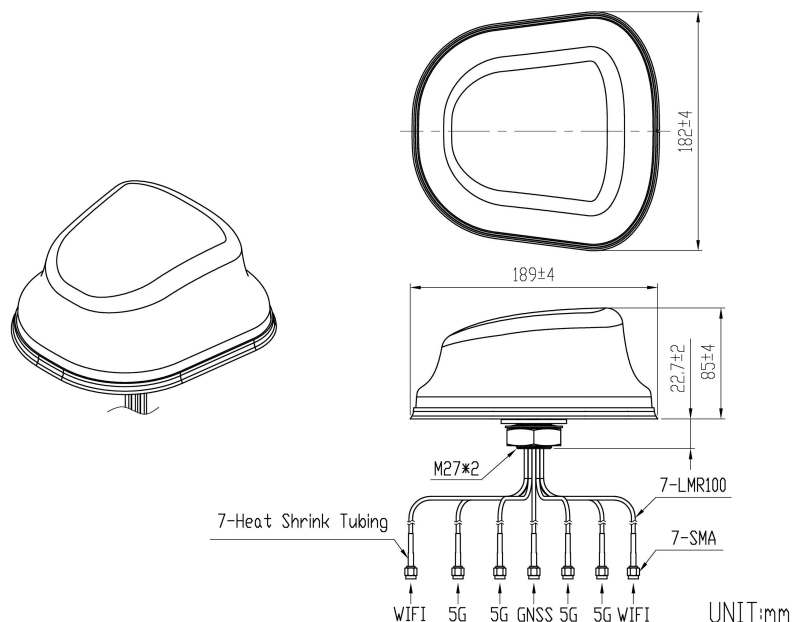
- High gain
- Easy installation

FEATURES

AO-AKOM-E605NR4WM3

Technology	5G/LTE/GNSS/WIFI
Frequency bands	698-960/1176/1227.6/1575.42/1710-2690/ 2900-3800/4900-5925 MHz
Bandwidth	-
Gain	4 dBi
LNA Gain	40 dB
VSWR	<3.0:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	Via attached graphs bellow
Polarization	Linear/R.H.C.P
Maximum input power	10 W
Power voltage	3 to 12V DC
Dimensions	189 x 182 x 85 mm
Weight	1 000 g
Operating temperature	-40 to +85 °C
Execution	External
Method of attachment	Screw Mount
Cable type	7x LMR100
The cable length	3 m
Connector type	5x SMA(m), 2x SMA-RP(f)
Certification	RoHS
IP code	IP67
Material	PC/ABS

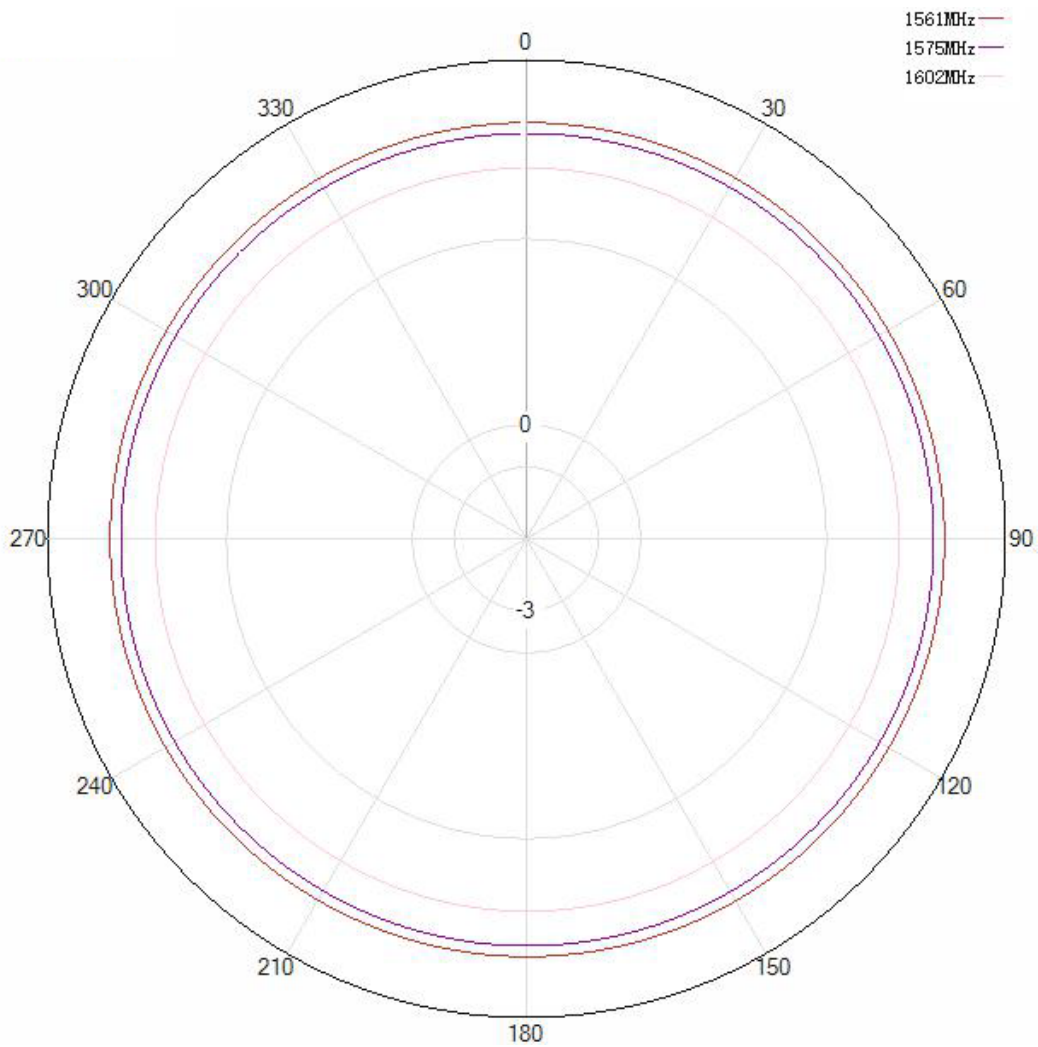
DRAWING



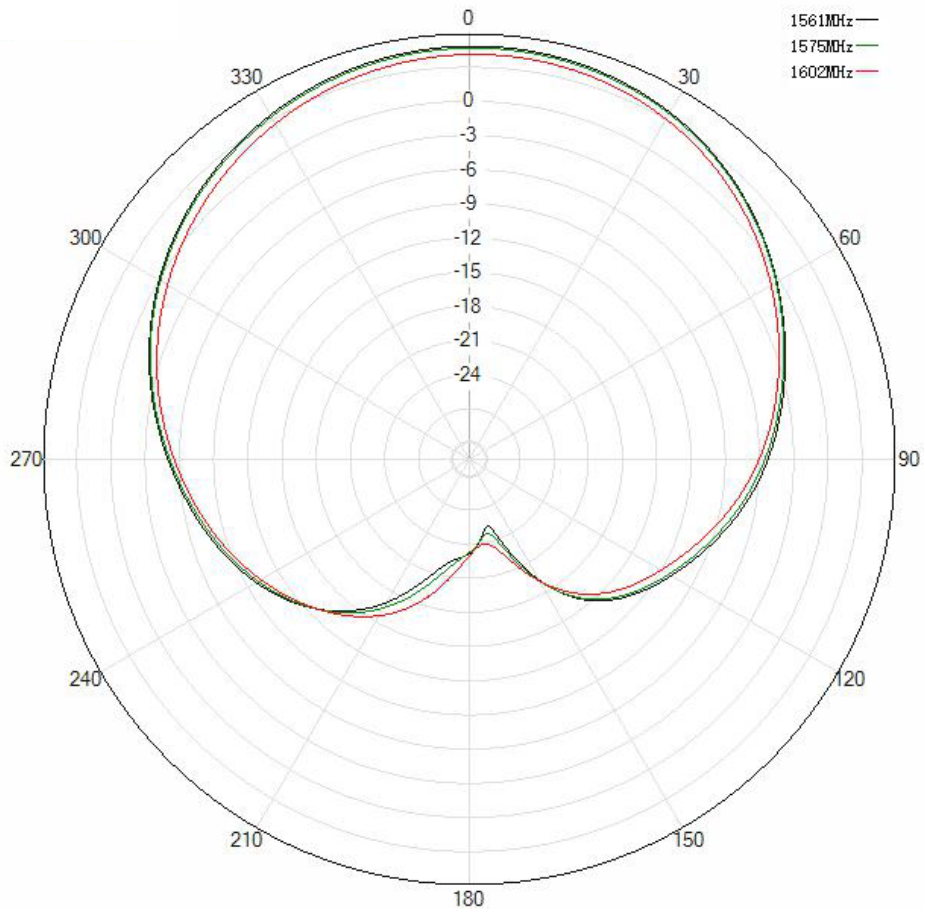
GNSS



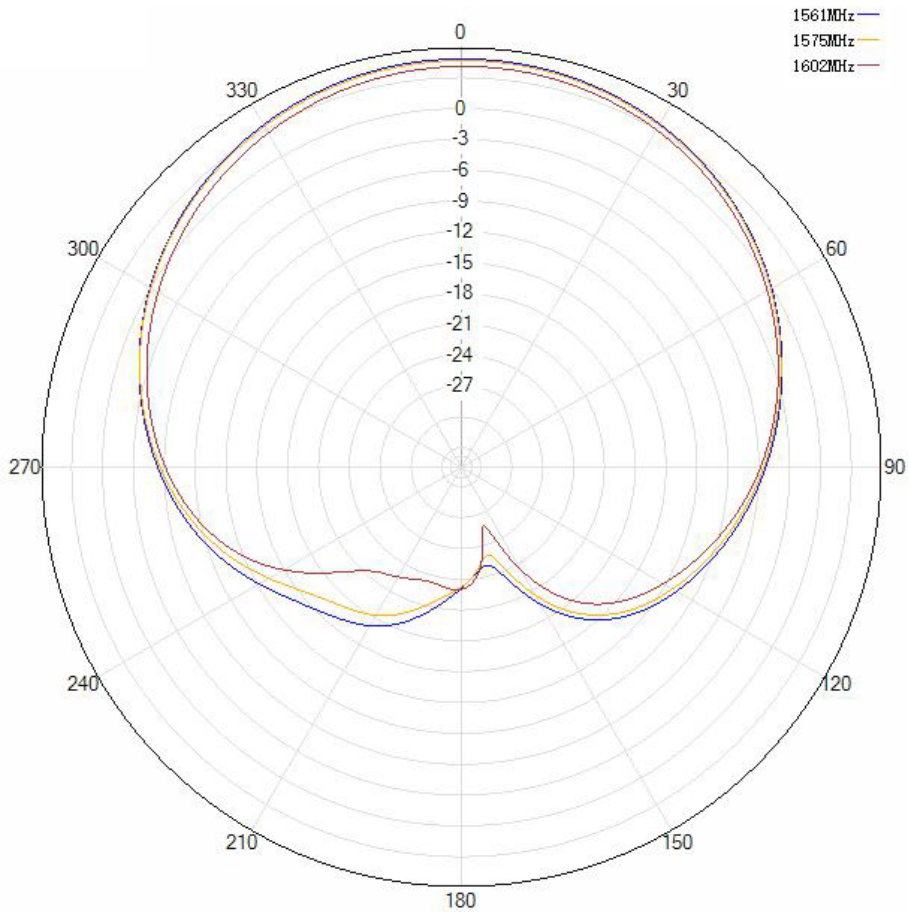
RADIATION PATTERN - XY plane



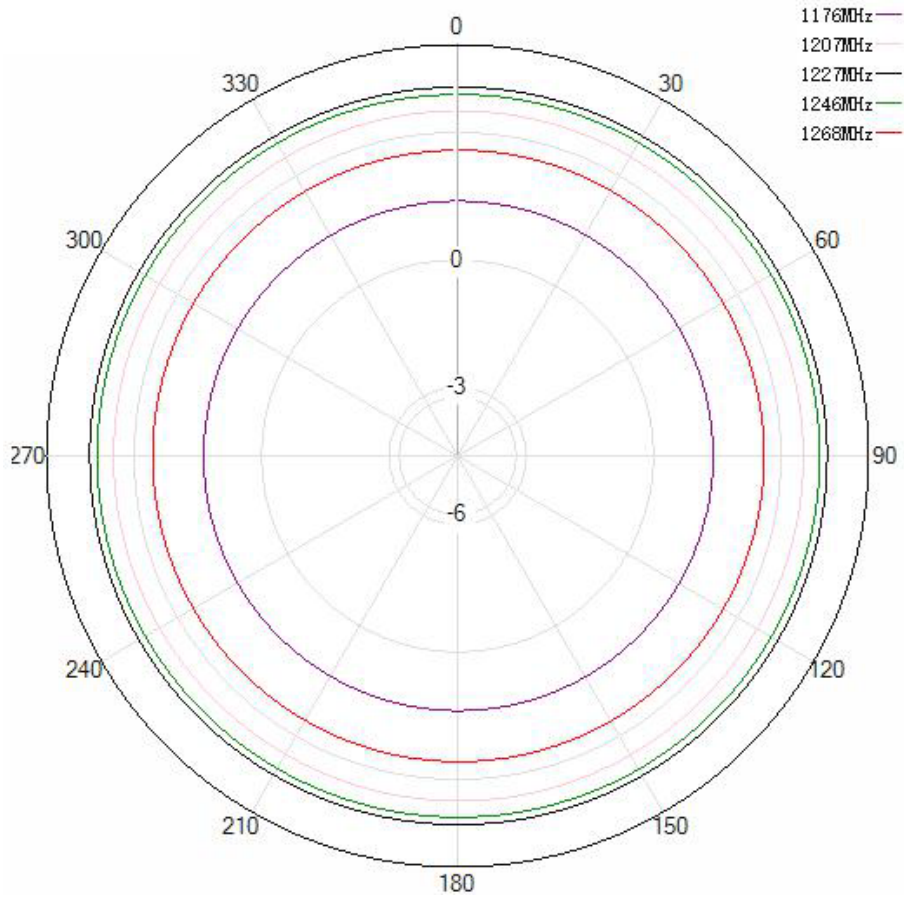
RADIATION PATTERN - XZ plane



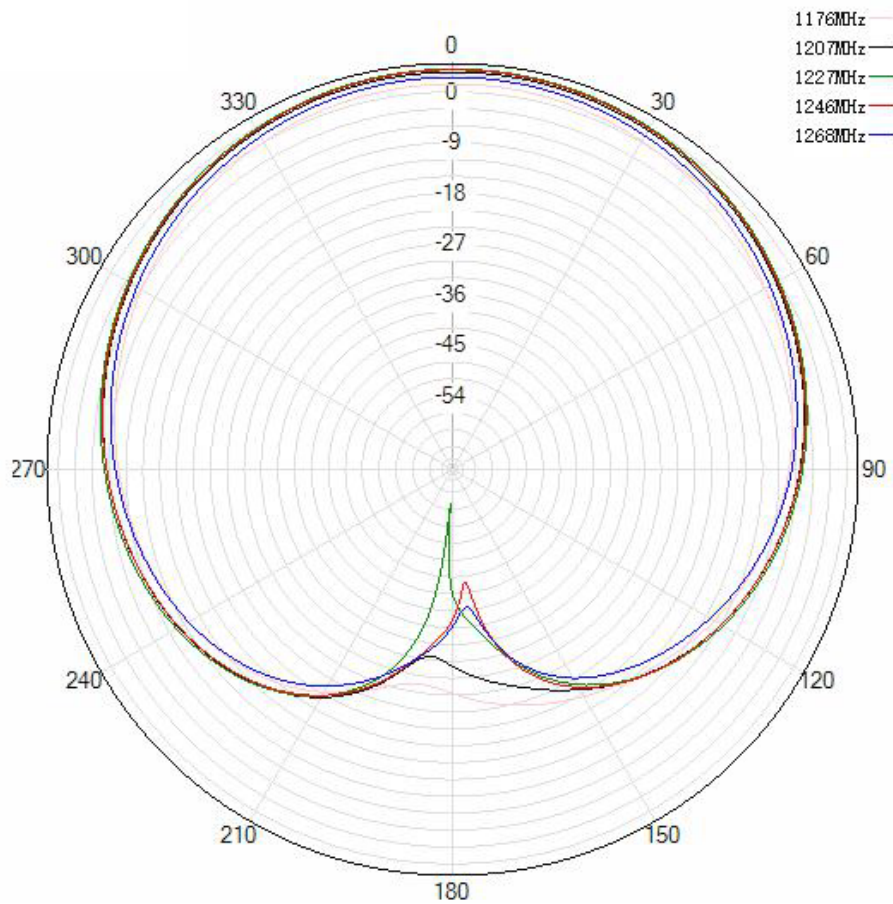
RADIATION PATTERN - YZ plane



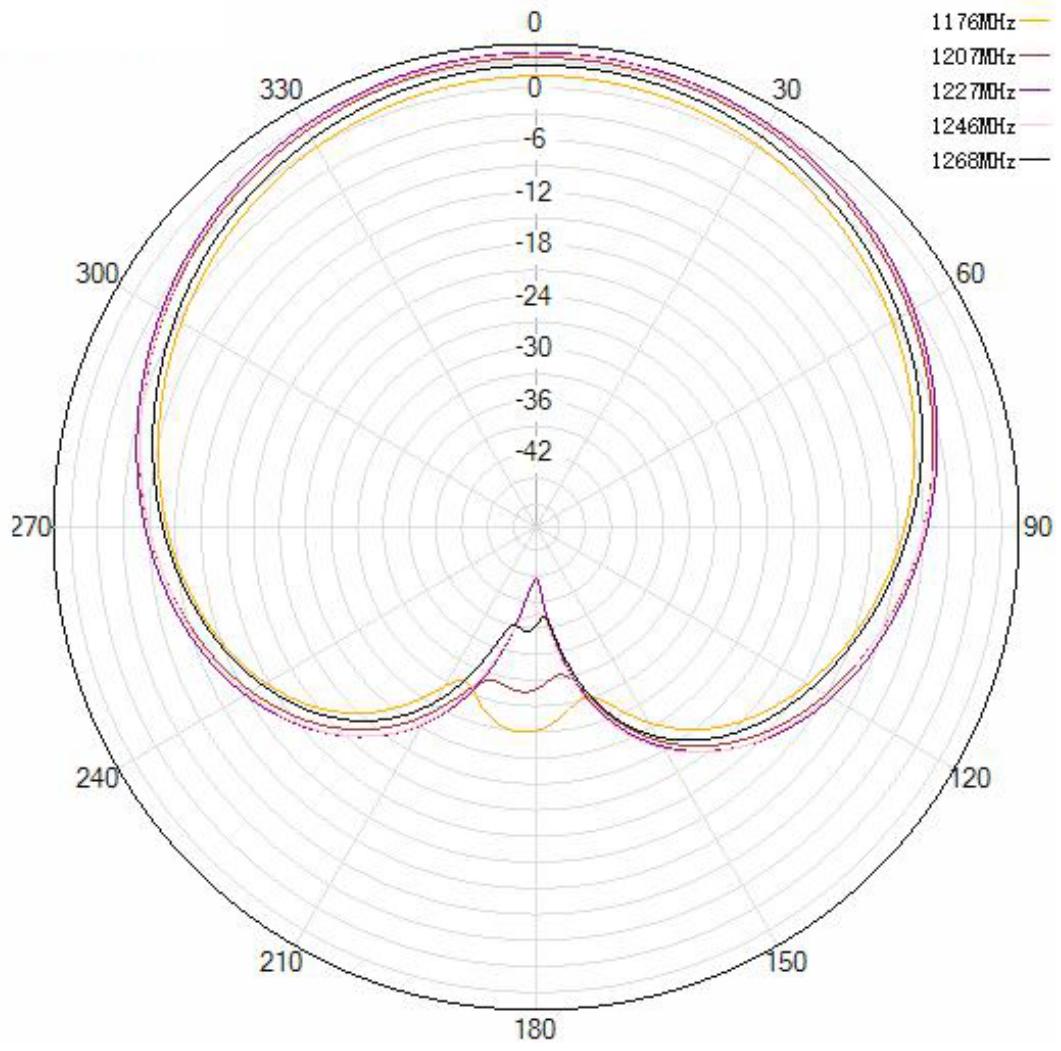
RADIATION PATTERN - XY plane



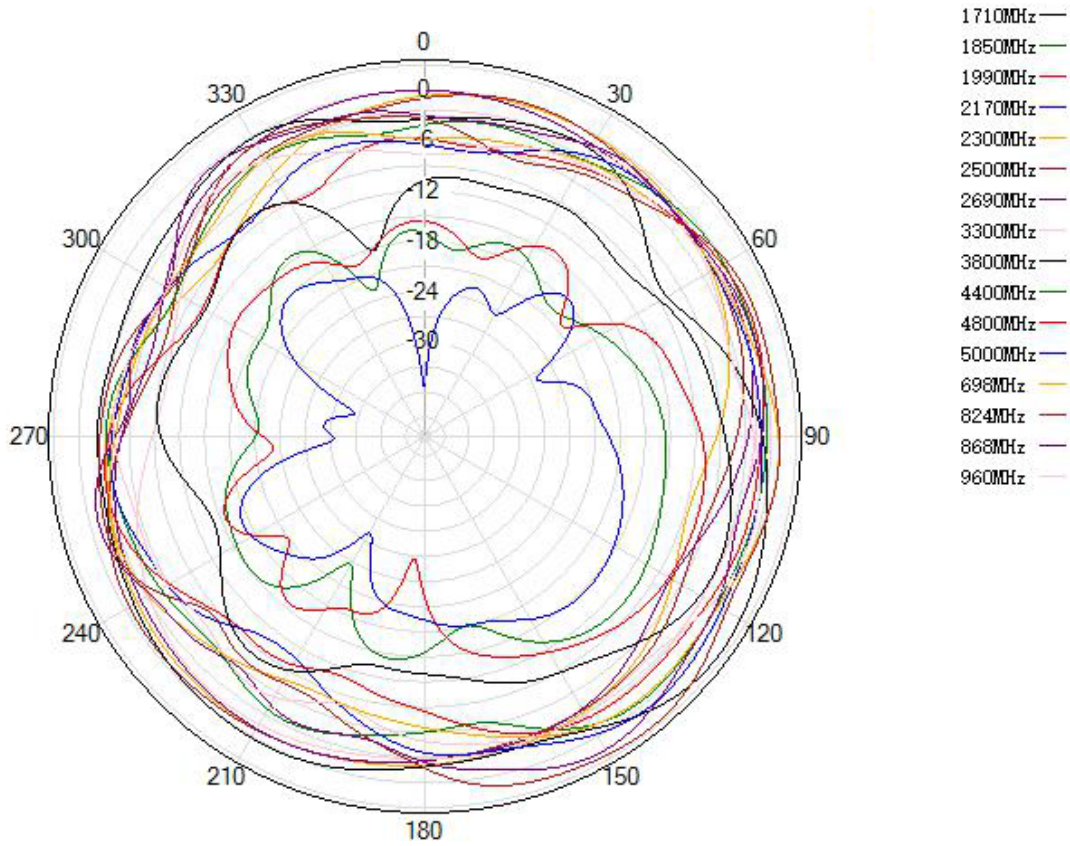
RADIATION PATTERN - XZ plane



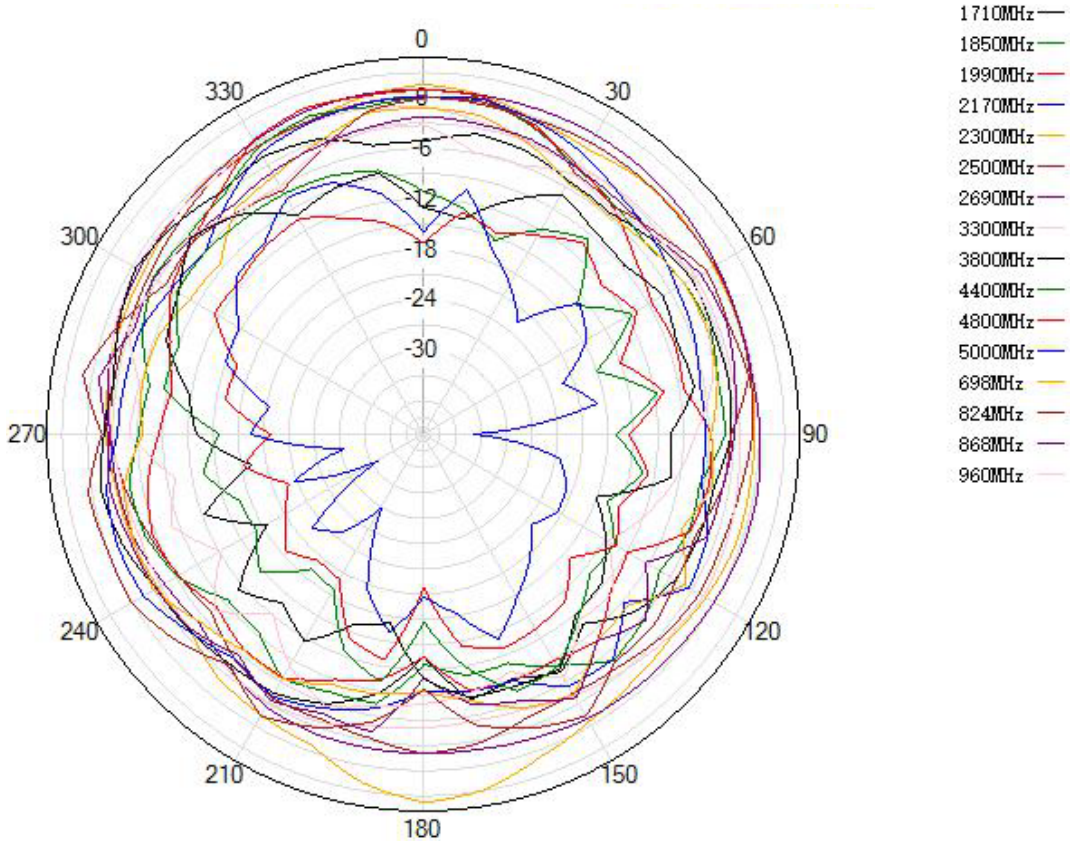
RADIATION PATTERN - YZ plane



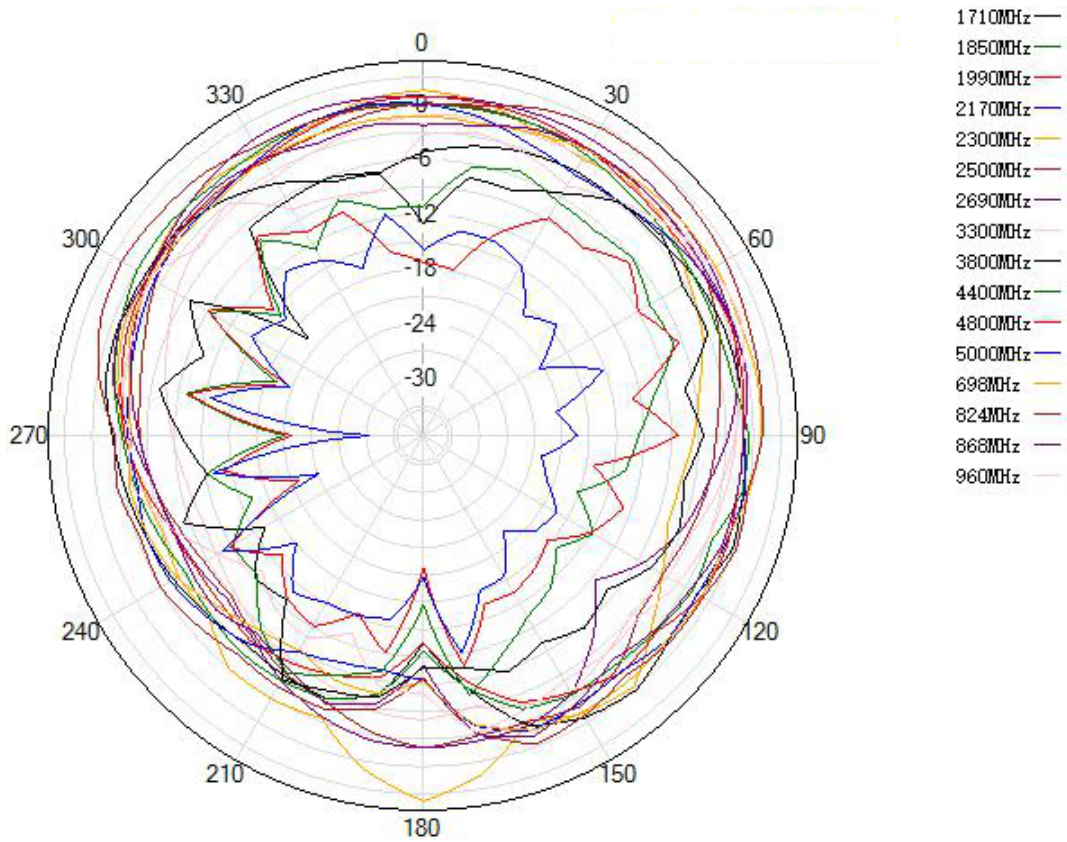
5G-1 RADIATION PATTERN - XY plane



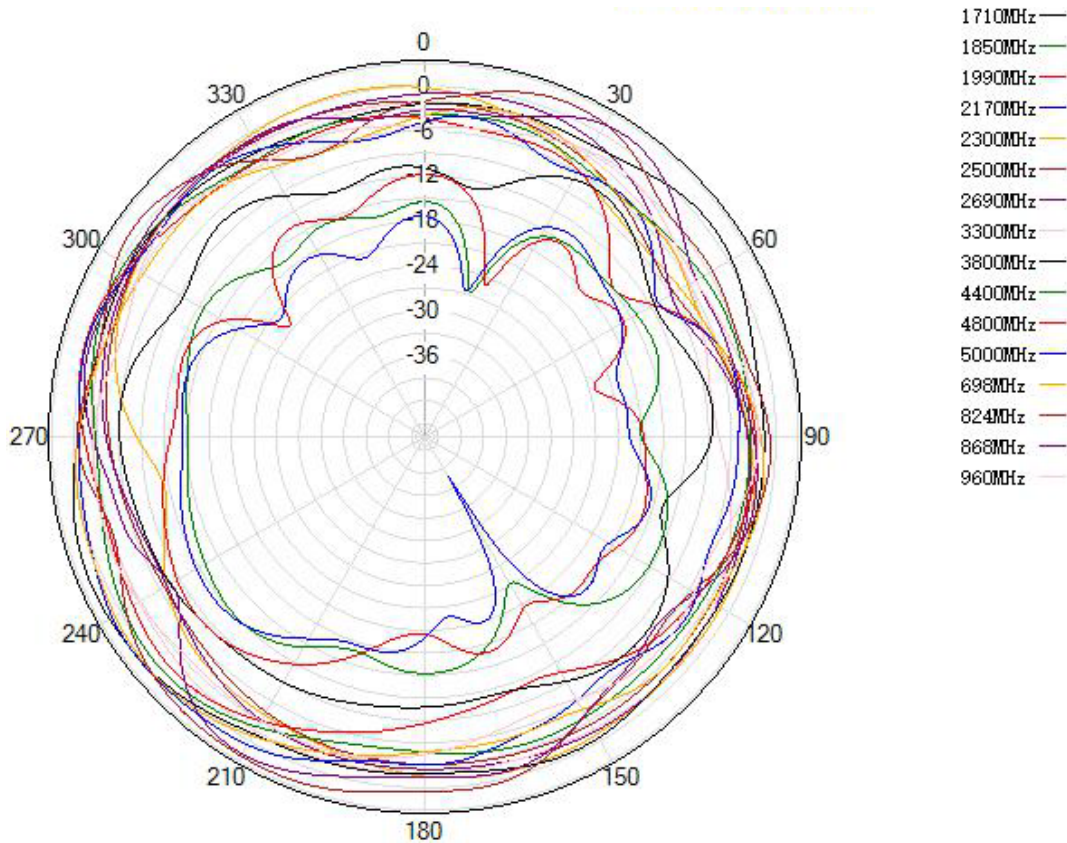
5G-1 RADIATION PATTERN - XZ plane



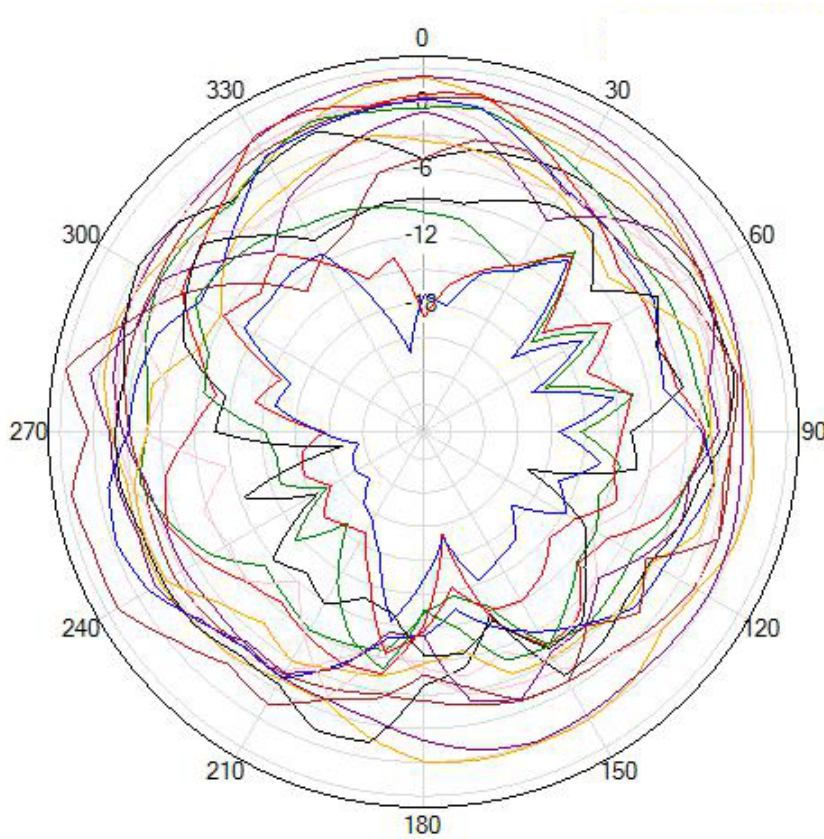
5G-1 RADIATION PATTERN - YZ plane



5G-2 RADIATION PATTERN - XY plane

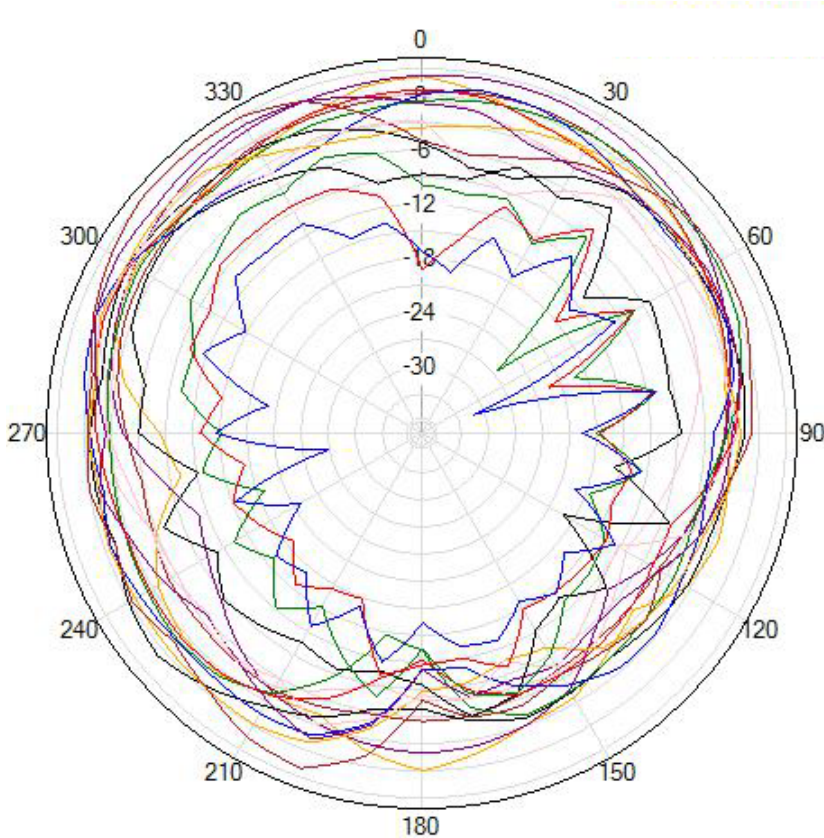


5G-2 RADIATION PATTERN - XZ plane



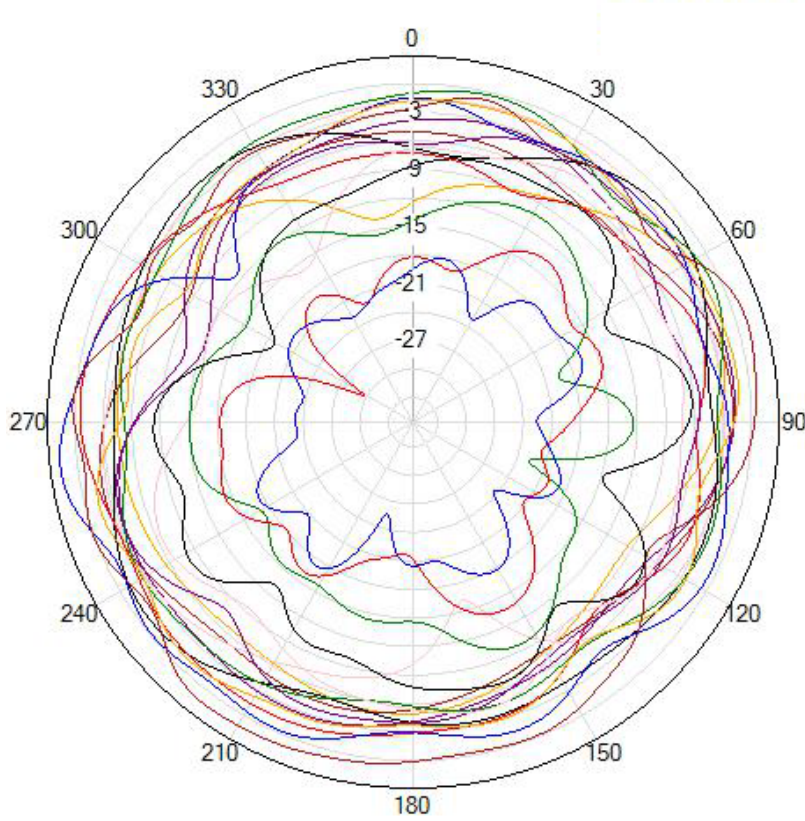
- 1710MHz —
- 1850MHz —
- 1990MHz —
- 2170MHz —
- 2300MHz —
- 2500MHz —
- 2690MHz —
- 3300MHz —
- 3800MHz —
- 4400MHz —
- 4800MHz —
- 5000MHz —
- 698MHz —
- 824MHz —
- 868MHz —
- 960MHz —

5G-2 RADIATION PATTERN - YZ plane



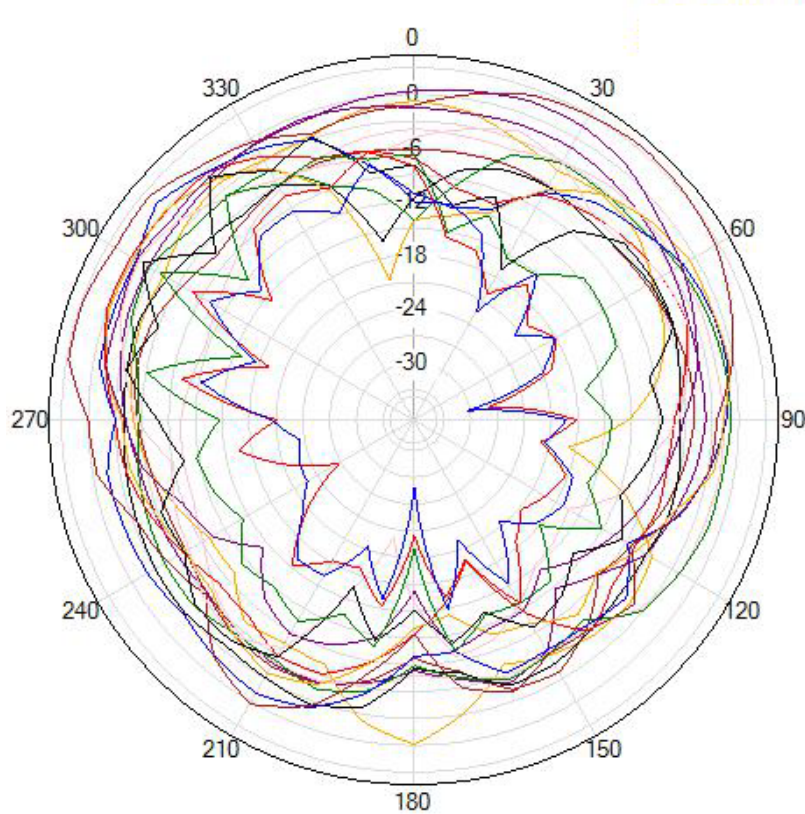
- 1710MHz —
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- 2170MHz —
- 2300MHz —
- 2500MHz —
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- 3300MHz —
- 3800MHz —
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- 4800MHz —
- 5000MHz —
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- 824MHz —
- 868MHz —
- 960MHz —

5G-3 RADIATION PATTERN - XY plane



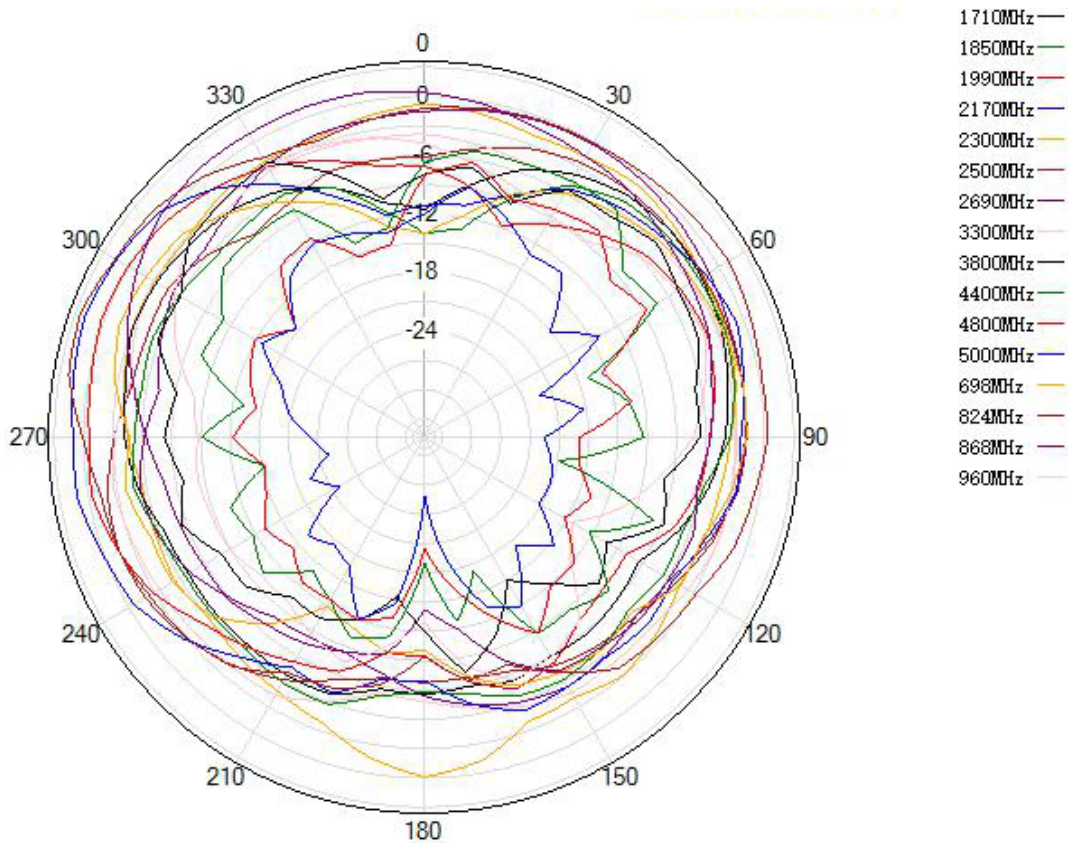
- 1710MHz —
- 1850MHz —
- 1990MHz —
- 2170MHz —
- 2300MHz —
- 2500MHz —
- 2690MHz —
- 3300MHz —
- 3800MHz —
- 4400MHz —
- 4800MHz —
- 5000MHz —
- 698MHz —
- 824MHz —
- 868MHz —
- 960MHz —

5G-3 RADIATION PATTERN - XZ plane

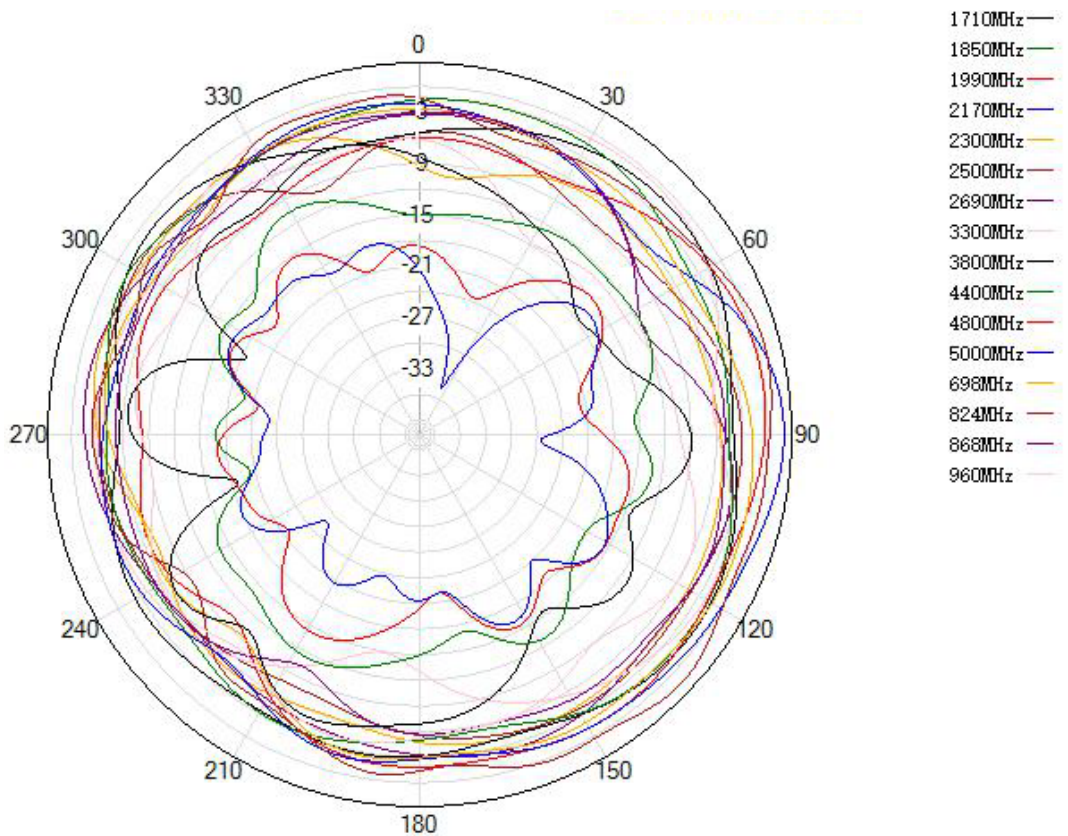


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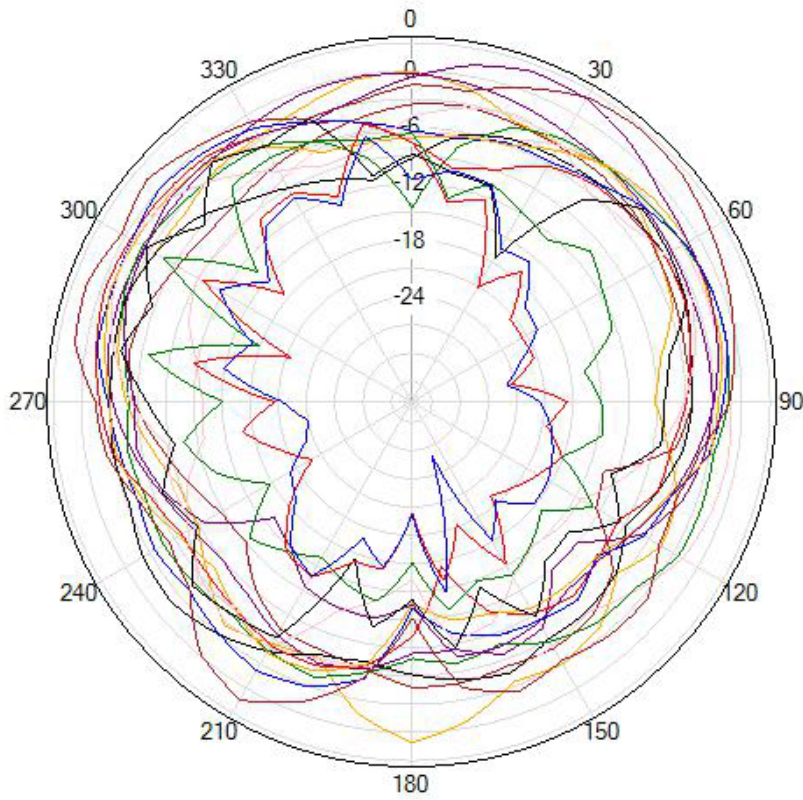
5G-3 RADIATION PATTERN - YZ plane



5G-4 RADIATION PATTERN - XY plane

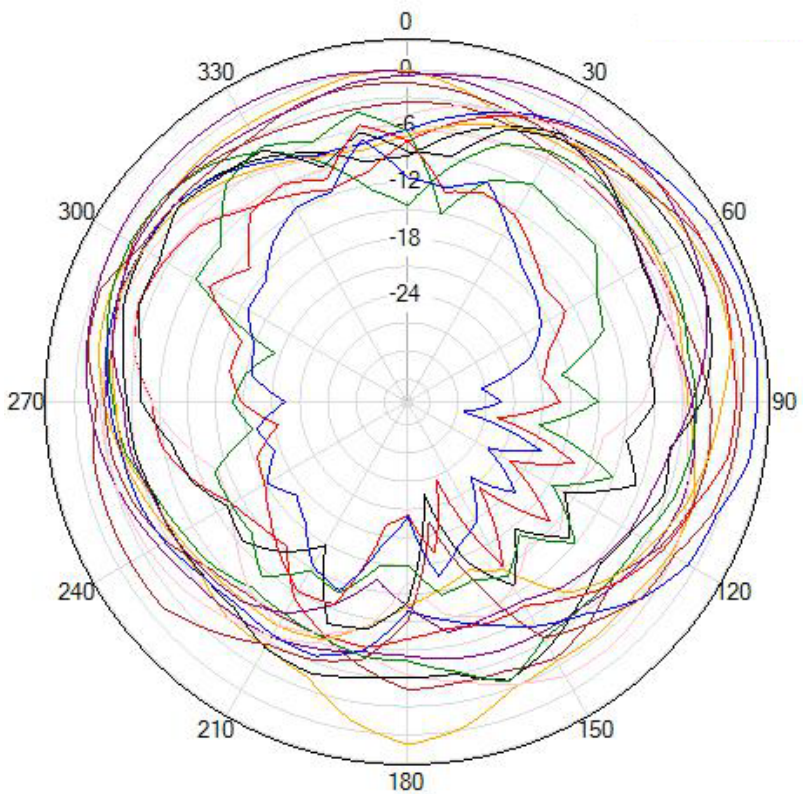


5G-4 RADIATION PATTERN - XZ plane



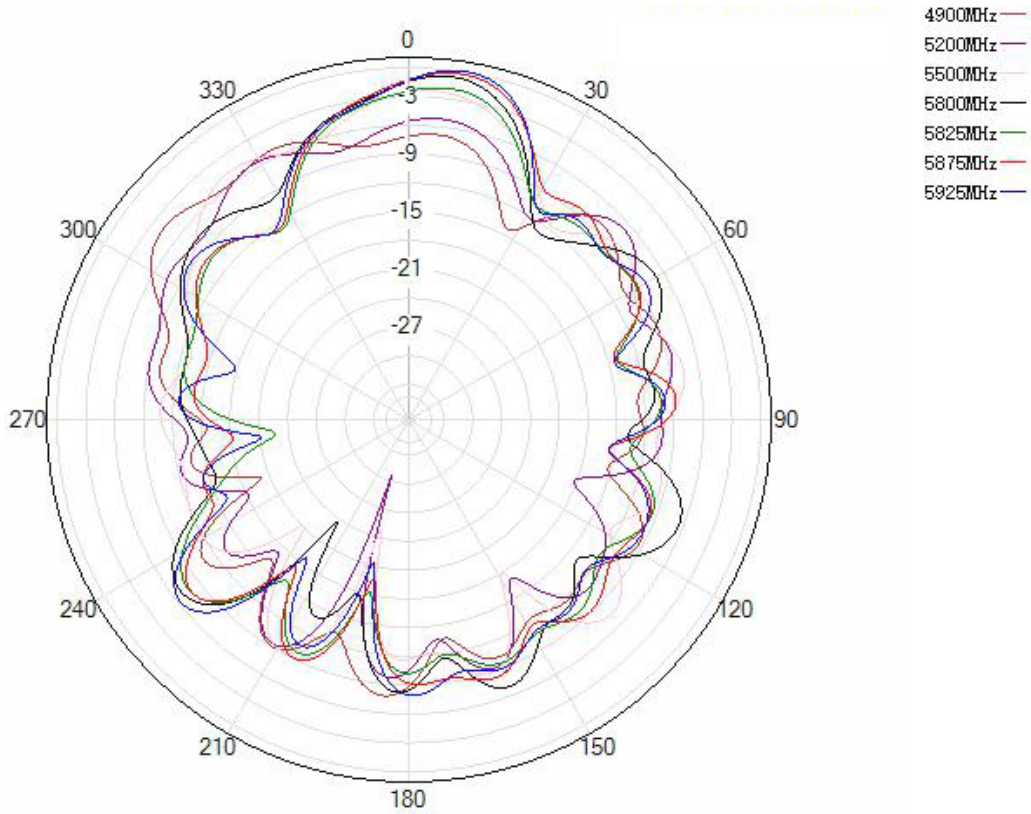
- 1710MHz
- 1850MHz
- 1990MHz
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- 2300MHz
- 2500MHz
- 2690MHz
- 3300MHz
- 3800MHz
- 4400MHz
- 4800MHz
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- 698MHz
- 824MHz
- 868MHz
- 960MHz

5G-4 RADIATION PATTERN - YZ plane

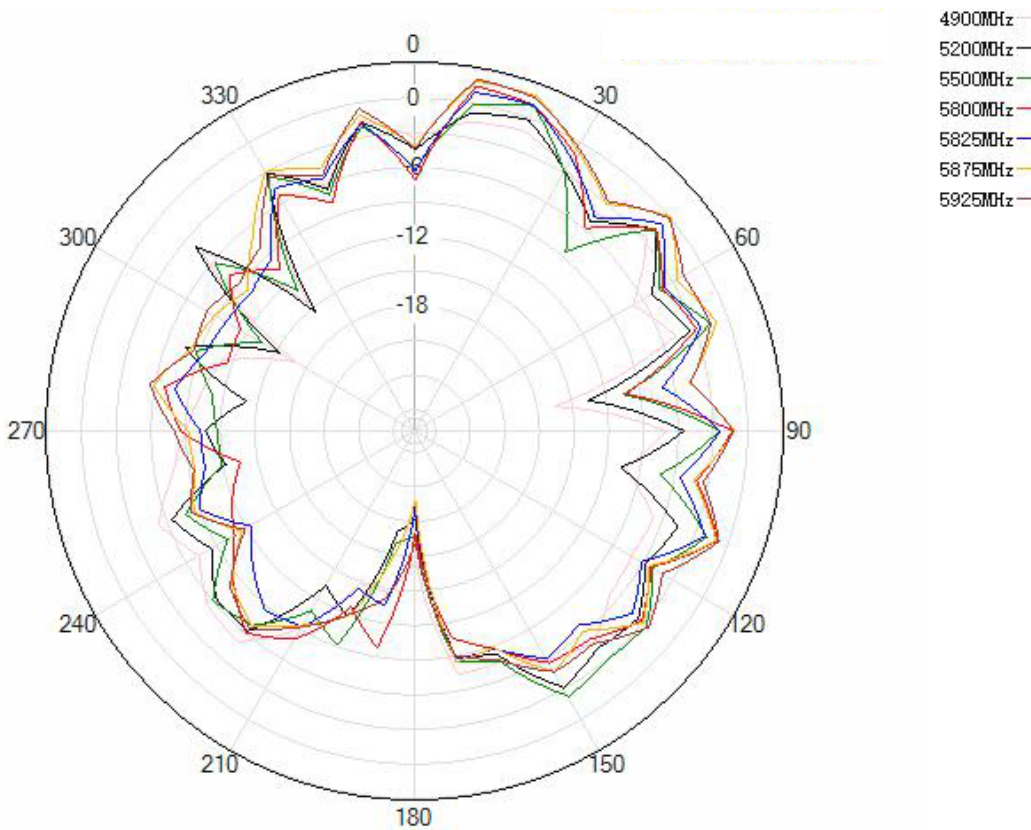


- 1710MHz
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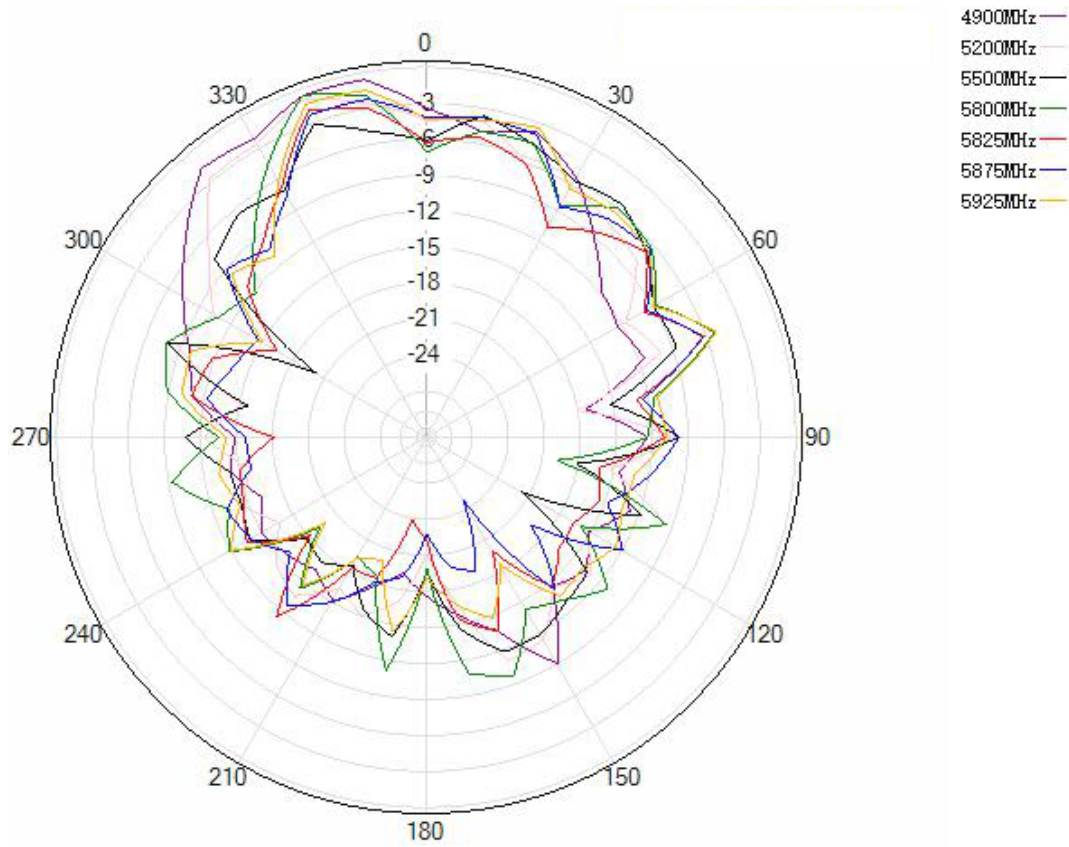
V2X-1 RADIATION PATTERN - XY plane



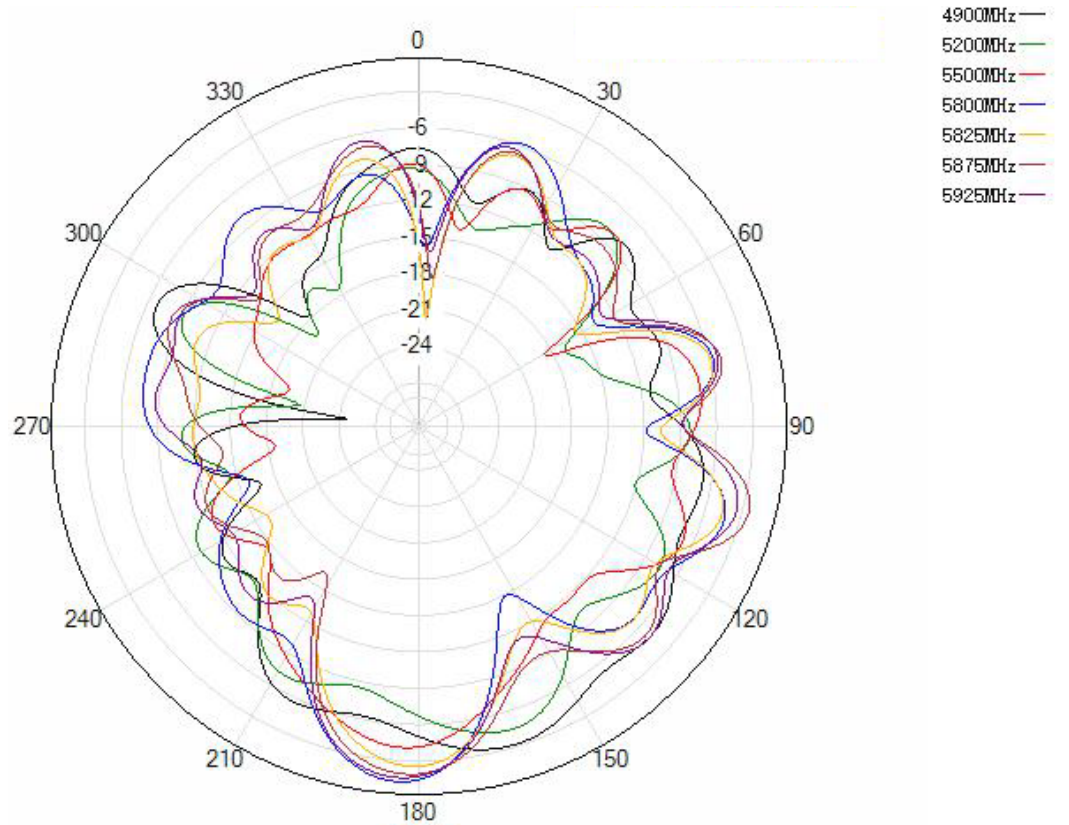
V2X-1 RADIATION PATTERN - XZ plane



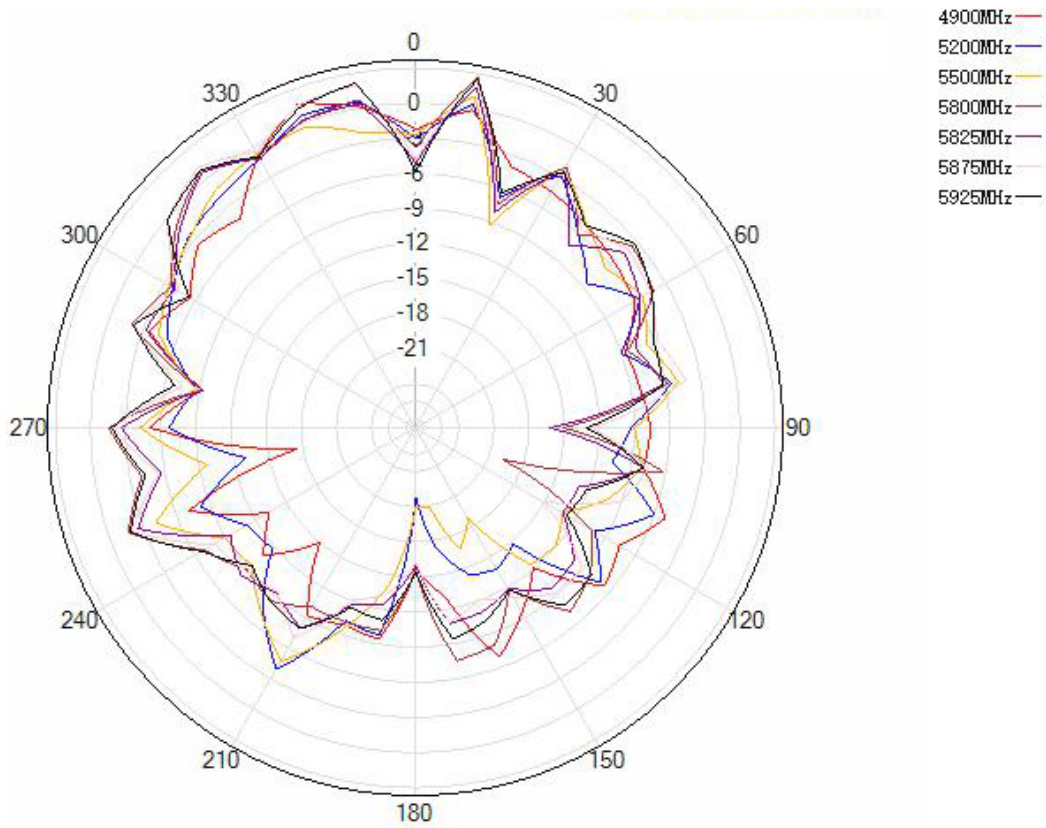
V2X-1 RADIATION PATTERN - YZ plane



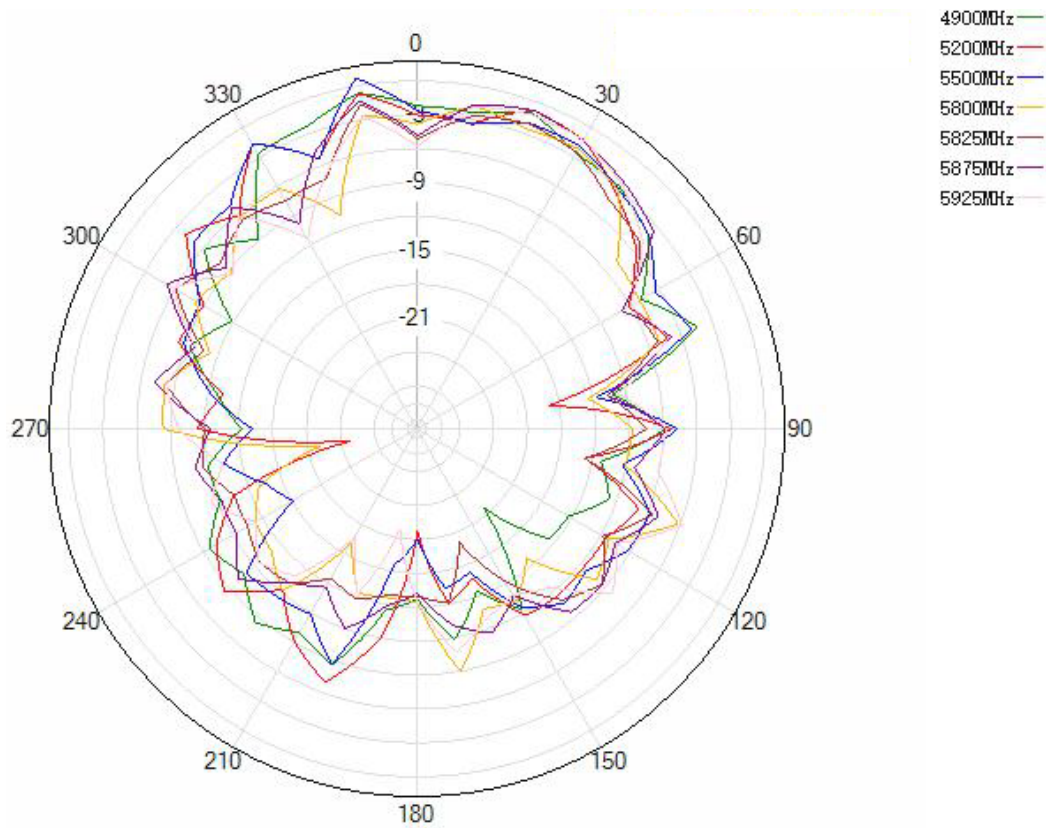
V2X-2 RADIATION PATTERN - XY plane



V2X-2 RADIATION PATTERN - XZ plane



V2X-2 RADIATION PATTERN - YZ plane



Different connector variants or cable lengths are available on request.

CONTACTS

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